



AR&E Docket No. 96700/596

#10 B
5-24-02
P.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jan Geliebter, George J. Christ, Arnold Melman, and Jamil Rehman
Serial No. : 09/531,969
Filed : March 21, 2000
For : GENE THERAPY FOR REGULATING SMOOTH MUSCLE TONE
Examiner : Peter Paras, Jr.
Group Art Unit : 1632

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REPLY UNDER 37 C.F.R. 1.111

Commissioner for Patents
Washington, D.C. 20231

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Date of Deposit: May 21, 2002

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Name: Elie H. Gendloff

Signature: [Signature]

Sir:

This Reply is in response to the February 21, 2002 Office Action in the above-identified case. This Reply is due on May 21, 2002, and this therefore timely filed.

Amendments

Please enter the following amendments.

IN THE CLAIMS:

Please cancel claims 2-5 and 20 without prejudice or disclaimer.

Please amend claim 1 to read as follows:

1. (Twice amended) A method of causing less heightened contractility of a smooth muscle in a urogenital tract of a subject, comprising the direct introduction and expression of a DNA sequence encoding a potassium channel protein in a sufficient number of smooth muscle cells of the urogenital tract of the subject to result in less heightened contractility of the smooth muscle in the urogenital tract of the subject.

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